

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Prepared by the NATIONAL OFFICE OF VITAL STATISTICS Executive 3-6300, Ext. 4744

For release June 26, 1959

Washington 25, D. C.

Vol. 8, No. 24

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended June 20, 1959

The suspect case of human rabies reported in California for the week ended June 6 has been confirmed as rabies by animal inoculation tests.

The number of reported cases of poliomyelitis for the current week totals 85 of which 57 were paralytic and 18 non-paralytic. The number of paralytic cases increased slightly over the 55 cases reported for the week ended June 13 and is double the 28 cases reported for the week ended June 21, 1958. During the comparable week in 1957, 51 paralytic cases were reported.

Iowa and Texas each reported 11 paralytic cases, and Arkansas reported 6 cases, to account for about half of the 57 paralytic cases for the Nation. By geographic division, the number of paralytic cases occurring in the West South Central Division increased from 11 last week to 23 this week. Most of this increase occurred in Texas and Arkansas but Louisiana

reported 4 cases, an increase of 2. Oklahoma reported 3 fewer cases this week. There were no significant changes in other geographic divisions, although 4 paralytic cases were reported in North Carolina and 4 unspecified cases were reported in Washington which prior to this week had reported only 6 cases. The New England States reported no cases and the Mountain States only 1 paralytic case—in Arizona.

A report from the Iowa Department of Health on 14 cases with onsets between June 10 and 21 inclusive shows that 8 were in white persons and 6 were in nonwhite. All lived in Polk County, Iowa. Five were under 5 years of age, 6 were from 5 to 9 years old, and 3 were in the 10- to 19-year age group. Eight of the cases were paralytic, 5 nonparalytic, and 1 was unspecified. Seven cases had received no vaccine, 1 had 3 doses, 1 had 1 dose, and the immunization history of 5 was unknown.

Continued on page 2

Table 1. Cases of Specified Notifiable Diseases: Continental United States

(See page 8 for source and nature of data)

DISEASE (Seventh Revision of International Lists, 1955)	24th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended June 20, 1959	Ended June 21, 1958	Median 1954-58	First 24 weeks			Since seasonal low week			
				1959	1958	Median 1954-58	1958-59	1957-58	Median 1953-54 to 1957-58	
Anthrax-----062	-	2	1	8	4	11	(1)	(1)	(1)	(1)
Botulism-----049.1	21	-	-	6	2	2	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	20	24	24	353	361	468	(1)	(1)	(1)	(1)
Diphtheria-----055	7	4	18	380	315	672	992	1,113	1,908	July 1
Encephalitis, infectious-----082	35	43	32	677	724	683	97	130	106	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	339	279	285	11,458	7,661	10,762	16,875	11,980	18,671	Sept. 1
Malaria-----110-117	-	-	2	30	26	91	(1)	(1)	(1)	(1)
Measles-----085	9,671	21,412	16,735	328,850	642,476	512,530	380,239	680,916	542,299	Sept. 1
Meningococcal infections-----057	51	33	49	1,249	1,333	1,527	2,112	2,342	2,494	Sept. 1
Meningitis, other-----340	366	30	-	1,503	1,171	-	-	-	-	-
Poliomyelitis-----080	85	56	179	737	520	2,309	469	333	1,330	Apr. 1
Paralytic-----080.0,080.1	57	28	95	509	259	1,214	322	156	683	Apr. 1
Nonparalytic-----080.2	18	19	71	141	179	705	96	120	443	Apr. 1
Unspecified-----080.3	10	9	28	87	82	390	51	57	204	Apr. 1
Psittacosis-----096.2	1	1	3	57	68	158	(1)	(1)	(1)	(1)
Rabies in man-----094	41	-	-	2	2	3	(1)	(1)	(1)	(1)
Typhoid fever-----040	15	20	33	265	372	640	141	206	350	Apr. 1
Typhus fever, endemic-----101	3	2	2	15	27	50	9	16	30	Apr. 1
Rabies in animals-----	59	76	82	1,821	2,332	2,658	2,712	3,230	3,758	Oct. 1

¹Data show no pronounced seasonal change in incidence.
meningitis; see footnotes to table 2.

²Reported in Colorado.
⁴Reported in California.

³Includes 14 cases of aseptic

EPIDEMIOLOGICAL REPORTS

Influenza

Dr. Alexis Shelokov, Mid-America Research Unit, Panama Canal Zone, has reported viruses isolated from persons in the Canal Zone resembling type B influenza. Specimens were obtained during an outbreak of acute respiratory disease which has been spreading from the Atlantic to the Pacific side of the Canal Zone.

Dr. A. H. Fieldsteel, Montana Board of Health, reported an outbreak of mild respiratory illness which occurred among girls in a school late in April. About one-third of the school population was affected. Type A2 influenza virus was isolated from 3 of 10 throat washings. No isolation of type B virus was made, although in 2 instances a decrease from an elevated titer between acute and convalescent sera was thought to indicate that a recent infection by this virus might have occurred. In 1 of the 2 cases, an 8-fold increase in titer for type A2 was observed.

Dr. Julia L. Freitag, New York State Department of Health, has reported on a followup of a fatal case of type B influenza in a 14-year-old boy. The complement fixation test showed an antibody titer in excess of 1:515 against influenza B, 10 days after onset and shortly before death. Attempts to isolate influenza virus from a specimen of lung obtained at autopsy were unsuccessful, but large numbers of coagulase-positive *Staphylococcus aureus* were recovered from lung tissue.

Human rabies

Dr. W. H. Y. Smith, Alabama Department of Public Health, supplied the information on the case of human rabies reported last week. In late February or early March a lady in Birmingham was given a puppy. The donor has not been identified. A few days later the puppy played rougher than usual and bit a white adult neighbor and her child and another neighbor's child. Each person was bitten on the finger. One of the women called the health department about the situation and was told to have the dog confined for at least 10 days. However, after discussing this with the owner, they decided, since no fence was available, to take the puppy out on the highway and release it. The adult developed rabies on May 25 and died on June 8. Microscopic examinations of the brain tissue showed positive smears for Negri bodies and mice inoculation tests also were positive. Antirabies treatment was begun May 29 for the 2 children who were bitten at the same time as the victim.

Aseptic meningitis

Dr. C. S. Mollohan, Colorado State Department of Public Health, reported that 7 cases of "viral meningitis" have been reported to the State Department of Public Health between March 27 and June 7. All of the individuals had fever up to 102°-103° F. Spinal fluid cell counts ranged from 300 to 600, divided between polymorphonuclear cells and lymphocytes. The spinal fluid sugar and protein levels were normal. The count of white blood cells was high early in the illness but dropped to below normal in a few days. At least one individual had a fine rash. Lethargy was moderate but nuchal rigidity was constant in all instances. Recovery was complete within 5 to 8 days. The ages of the

individuals ranged from 5 months to 8 years, and all resided in counties adjoining Denver. Five of the cases are children of servicemen. Preliminary reports from the laboratory show Cocksackie virus in throat washings, spinal fluid, and stool specimens, but the type of Cocksackie virus has not yet been determined.

Granuloma

Dr. C. S. Mollohan also reported that at least 40 cases of "swimming pool granuloma" have developed among persons using the same swimming pool. The granulomatous lesions have occurred almost exclusively on the point of one elbow of junior high and high school children. The lesions show very little if any drainage, and after a period of 8 to 10 days become hard, red, and sore. They respond poorly to any treatment; and some have required X-ray therapy and skin grafting. No organisms nor irritants have been found. There have been multiple cases in a few households. Most of the persons in the community use this one swimming pool.

Psittacosis

Dr. Grace T. Jansen, Erie County (New York) Department of Health, reported a case of psittacosis in a 65-year-old woman. The woman was hospitalized; she had a history of unproductive cough, chills, and fever of a week's duration. Physical findings were those of bronchitis, possibly pneumonia. Two complement fixation tests, about 3 weeks apart, gave titers of 1:256. The woman stated she had found a parakeet and taken care of it for about a week and then it died. The woman became ill about 2 weeks later. She had a parakeet in her home for 3 years prior to finding this bird.

Gastroenteritis

The Office of the Surgeon General, Department of the Army, has reported an outbreak of gastroenteritis among personnel and dependents at a military installation in Alabama. About 30 cases were hospitalized, 46 were treated in outpatient facilities, and it was estimated that 80 others were affected. The vehicle of infection was thought to be a salad served in one of the mess halls. Pending further investigation the causative agent is considered to be a staphylococcus.

QUARANTINE MEASURES

Immunization Information for International Travel
Public Health Service Publication No. 384

The following name should be added to the list of Designated Yellow Fever Vaccination Centers, Section 6:

<u>Center</u>	<u>Clinic hours</u>	<u>Fee</u>
Leon County Health Department 325 E. Gaines Street, Tallahassee, Florida Tel. 2-124	Monday, Wednesday, and Friday 1:00 - 4:30 p.m.	No

Morbidity and Mortality Weekly Report

3

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JUNE 21, 1958, AND JUNE 20, 1959

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	BRUCELLOSIS (undulant fever) 044		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS 082		HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt.			
			24th week		Cumulative first 24 weeks				24th week		Cumulative first 24 weeks	
	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958
CONT. UNITED STATES-----	20	24	7	4	380	315	35	43	339	279	11,458	7,661
NEW ENGLAND-----	-	-	-	-	5	5	-	3	13	13	371	280
Maine-----	-	-	-	-	-	-	-	-	5	-	71	46
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	10	1
Vermont-----	-	-	-	-	-	-	-	-	-	-	18	10
Massachusetts-----	-	-	-	-	5	4	-	2	2	8	158	126
Rhode Island-----	-	-	-	-	-	-	-	-	1	-	40	40
Connecticut-----	-	-	-	-	-	1	-	1	5	5	74	57
MIDDLE ATLANTIC-----	1	-	-	-	35	30	8	3	57	39	1,677	930
New York-----	1	-	-	-	20	15	4	2	39	30	1,013	623
New Jersey-----	-	-	-	-	9	1	1	-	7	1	199	78
Pennsylvania-----	-	-	-	-	6	14	3	1	11	8	465	229
EAST NORTH CENTRAL-----	3	3	-	-	19	27	2	9	53	43	1,886	1,384
Ohio-----	-	-	-	-	6	6	1	1	18	13	567	420
Indiana-----	1	1	-	-	2	11	-	3	3	3	187	131
Illinois-----	1	2	-	-	8	4	-	-	17	9	372	365
Michigan-----	-	-	-	-	1	5	1	4	10	17	651	394
Wisconsin-----	1	-	-	-	2	1	-	1	5	1	109	74
WEST NORTH CENTRAL-----	8	12	1	2	33	45	1	-	28	19	922	702
Minnesota-----	-	1	-	1	16	9	-	-	9	7	223	79
Iowa-----	5	6	-	-	2	11	-	-	-	-	82	137
Missouri-----	-	2	-	-	3	12	-	-	8	4	241	129
North Dakota-----	-	-	1	1	2	3	1	-	7	-	199	109
South Dakota-----	-	-	-	-	3	3	-	-	-	1	10	8
Nebraska-----	-	1	-	-	7	7	-	-	-	2	49	44
Kansas-----	3	2	-	-	-	-	-	-	4	5	118	196
SOUTH ATLANTIC-----	3	3	1	-	81	86	5	5	25	20	1,030	552
Delaware-----	-	-	-	-	-	-	-	-	2	1	59	31
Maryland-----	-	-	-	-	1	3	2	-	4	-	260	55
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	11	9
Virginia-----	2	2	-	-	6	14	-	2	7	5	201	130
West Virginia-----	-	-	-	-	1	8	-	-	-	1	202	90
North Carolina-----	-	-	-	-	7	13	-	2	2	1	57	27
South Carolina-----	-	1	1	-	6	8	-	-	-	-	14	34
Georgia-----	1	-	-	-	29	23	-	-	-	2	89	59
Florida-----	-	-	-	-	31	17	3	1	10	10	137	117
EAST SOUTH CENTRAL-----	2	2	-	-	47	23	3	1	27	15	1,054	680
Kentucky-----	-	2	-	-	5	2	-	1	19	8	498	330
Tennessee-----	1	-	-	-	5	3	-	-	2	4	243	187
Alabama-----	1	-	-	-	9	14	-	-	6	2	225	129
Mississippi-----	-	-	-	-	28	4	3	-	-	1	88	34
WEST SOUTH CENTRAL-----	-	3	5	2	144	71	4	3	30	21	881	613
Arkansas-----	-	-	-	-	31	12	1	-	2	1	40	69
Louisiana-----	-	-	-	-	39	6	-	-	2	-	88	5
Oklahoma-----	-	-	1	-	2	17	-	-	2	1	119	98
Texas-----	-	3	4	2	72	36	3	3	24	19	634	441
MOUNTAIN-----	1	-	-	-	10	23	3	2	37	39	1,650	1,074
Montana-----	-	-	-	-	-	7	-	-	2	8	157	213
Idaho-----	-	-	-	-	-	1	-	-	8	4	182	85
Wyoming-----	-	-	-	-	-	2	-	2	-	-	44	3
Colorado-----	-	-	-	-	3	5	-	-	8	5	511	114
New Mexico-----	-	-	-	-	5	7	1	-	2	3	343	218
Arizona-----	1	-	-	-	1	1	2	-	15	17	306	236
Utah-----	-	-	-	-	-	-	-	-	2	1	93	110
Nevada-----	-	-	-	-	1	-	-	-	-	1	14	95
PACIFIC-----	2	1	-	-	6	5	9	17	69	70	1,987	1,446
Alaska-----	1	-	-	-	1	-	-	-	2	-	14	(65)
Washington-----	-	-	-	-	-	-	-	-	3	13	292	273
Oregon-----	-	-	-	-	1	1	-	-	13	6	402	177
California-----	1	1	-	-	4	4	9	17	51	51	1,279	996
Hawaii-----	-	-	-	-	2	-	-	1	-	1	26	27
Puerto Rico-----	-	-	-	1	14	25	-	-	13	5	109	78

4 Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JUNE 21, 1958, AND JUNE 20, 1959—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	POLIOMYELITIS 080										MEASLES	
	Total ¹				Paralytic 080.0,080.1				Nonparalytic		085	
	24th week		Cumulative first 24 weeks		24th week		Cumulative first 24 weeks		080.2		085	
	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958	1959	1958
CONT. UNITED STATES-----	65	56	737	520	57	28	509	259	18	19	9,671	21,412
NEW ENGLAND-----	-	-	8	8	-	-	7	6	-	-	526	2,738
Maine-----	-	-	-	2	-	-	-	2	-	-	72	186
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	37
Vermont-----	-	-	1	-	-	-	1	-	-	-	39	52
Massachusetts-----	-	-	4	1	-	-	3	-	-	-	168	1,500
Rhode Island-----	-	-	2	-	-	-	2	-	-	-	-	253
Connecticut-----	-	-	1	5	-	-	1	4	-	-	247	710
MIDDLE ATLANTIC-----	3	2	42	21	2	1	20	10	1	1	1,959	4,716
New York-----	3	2	32	18	2	1	16	9	1	1	1,010	2,442
New Jersey-----	-	-	7	3	-	-	3	1	-	-	628	1,128
Pennsylvania-----	-	-	3	-	-	-	1	-	-	-	321	1,146
EAST NORTH CENTRAL-----	9	1	64	39	2	-	30	14	4	-	1,775	6,386
Ohio-----	3	-	28	5	-	-	10	-	1	-	374	664
Indiana-----	1	-	5	2	-	-	3	1	-	-	164	158
Illinois-----	2	1	6	11	-	-	2	3	2	-	303	808
Michigan-----	2	-	21	17	1	-	11	8	1	-	368	2,130
Wisconsin-----	1	-	4	4	1	-	4	2	-	-	566	2,646
WEST NORTH CENTRAL-----	20	1	98	24	13	-	63	11	5	-	668	515
Minnesota-----	-	-	5	1	-	-	4	1	-	-	479	85
Iowa-----	17	-	33	7	11	-	25	4	5	-	78	174
Missouri-----	1	-	34	2	1	-	24	2	-	-	45	106
North Dakota-----	-	-	1	2	-	-	-	1	-	-	57	90
South Dakota-----	-	-	3	3	-	-	-	1	-	-	2	2
Nebraska-----	-	-	10	7	-	-	7	2	-	-	7	58
Kansas-----	2	1	12	2	1	-	3	-	-	-	(*)	(*)
SOUTH ATLANTIC-----	9	16	145	118	8	8	113	55	1	5	817	1,694
Delaware-----	-	-	2	2	-	-	2	1	-	-	20	21
Maryland-----	-	-	-	1	-	-	-	-	-	-	73	107
District of Columbia-----	-	-	-	-	-	-	-	1	-	-	8	21
Virginia-----	-	2	14	9	-	2	13	9	-	-	388	741
West Virginia-----	1	1	18	10	-	-	12	7	1	1	127	172
North Carolina-----	4	3	16	20	4	1	14	6	-	2	88	84
South Carolina-----	-	1	8	5	-	1	6	4	-	-	21	268
Georgia-----	2	4	8	12	2	2	8	8	-	-	4	109
Florida-----	2	5	79	59	2	2	58	19	-	2	88	171
EAST SOUTH CENTRAL-----	6	3	62	46	5	1	42	20	1	1	409	1,111
Kentucky-----	2	1	11	16	2	1	9	10	-	-	175	242
Tennessee-----	1	-	20	10	1	-	15	5	-	-	175	577
Alabama-----	2	-	8	5	2	-	5	4	-	-	41	286
Mississippi-----	1	2	23	15	-	-	13	1	1	1	18	6
WEST SOUTH CENTRAL-----	28	18	171	130	23	12	127	76	5	5	820	1,607
Arkansas-----	7	-	29	7	6	-	27	5	1	-	5	263
Louisiana-----	4	2	24	12	4	1	21	8	-	1	3	21
Oklahoma-----	2	1	16	12	2	-	9	4	-	-	21	213
Texas-----	15	15	102	99	11	11	70	59	4	4	791	1,110
MOUNTAIN-----	2	2	33	38	1	1	20	15	-	-	947	1,063
Montana-----	-	-	2	4	-	-	-	1	-	-	25	110
Idaho-----	1	-	1	-	-	-	-	-	-	-	48	132
Wyoming-----	-	-	1	2	-	-	-	1	-	-	8	10
Colorado-----	-	1	2	7	-	1	2	6	-	-	241	295
New Mexico-----	-	1	8	11	-	-	3	3	-	-	166	184
Arizona-----	1	-	17	9	1	-	15	3	-	-	189	190
Utah-----	-	-	2	3	-	-	-	1	-	-	267	142
Nevada-----	-	-	-	2	-	-	-	-	-	-	3	-
PACIFIC-----	8	13	114	96	3	5	87	52	1	7	1,750	1,582
Alaska-----	-	-	-	(1)	-	-	-	(1)	-	-	37	(9)
Washington-----	4	1	10	7	-	-	-	-	-	-	270	155
Oregon-----	1	3	11	9	-	2	8	6	1	1	241	136
California-----	3	9	93	80	3	3	79	46	-	6	1,202	1,291
Hawaii-----	-	7	4	23	-	7	4	23	-	-	47	3
Puerto Rico-----	-	-	3	39	-	-	3	36	-	-	78	59

¹Includes cases not specified by type, category number 080.3.

Morbidity and Mortality Weekly Report

5

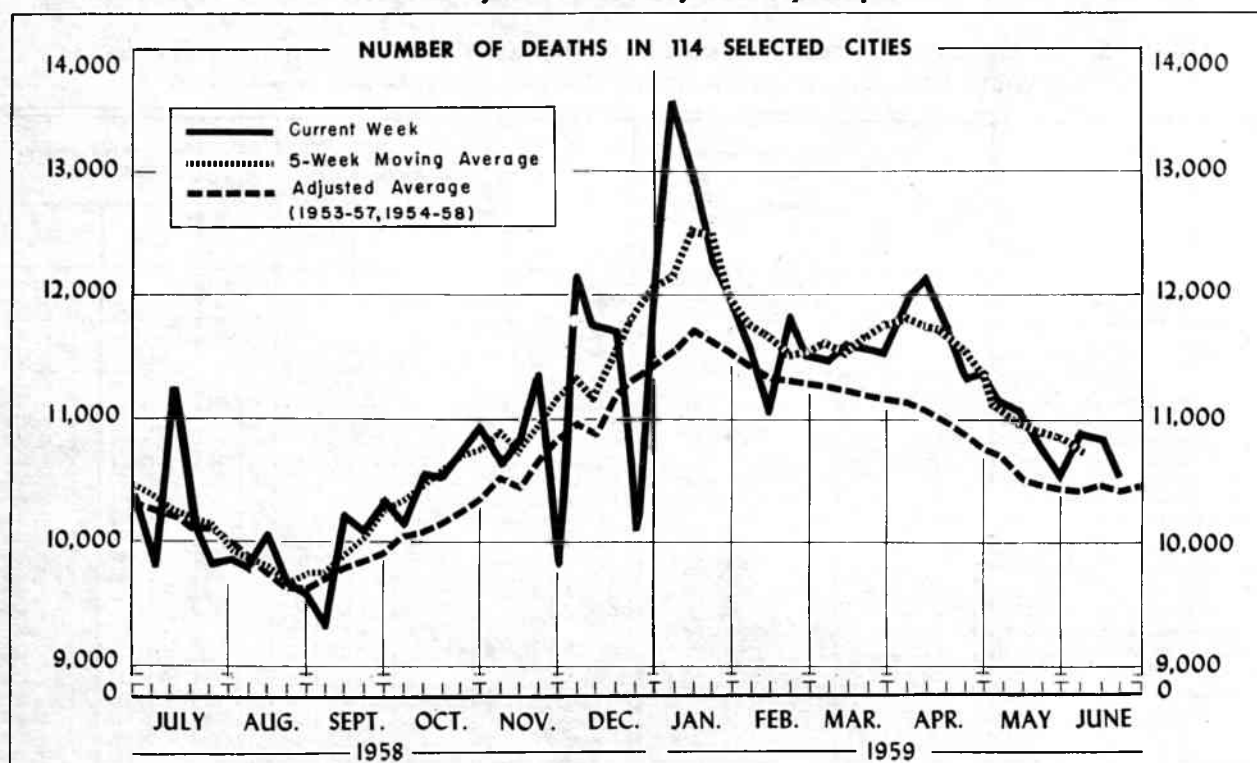
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JUNE 21, 1958, AND JUNE 20, 1959—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

AREA	MALARIA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS	TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	110-117	057		340	096.2	24th week		Cumulative first 24 weeks		101		
	1959	1959	1958	1959	1959	1959	1958	1959	1958	1959	1959	1958
CONT. UNITED STATES-----	-	51	33	66	1	15	20	265	372	3	59	76
NEW ENGLAND-----	-	3	1	5	-	-	1	6	7	-	-	-
Maine-----	-	2	-	-	-	-	-	1	1	-	-	-
New Hampshire-----	-	-	-	-	-	-	1	-	1	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	1	1	3	-	-	-	-	2	3	-	-	-
Rhode Island-----	-	-	-	2	-	-	-	1	-	-	-	-
Connecticut-----	-	-	-	-	-	-	-	2	2	-	-	-
MIDDLE ATLANTIC-----	-	5	4	-	-	1	4	26	49	-	4	3
New York-----	-	2	4	-	-	1	3	11	12	-	4	1
New Jersey-----	-	1	-	-	-	-	-	6	10	-	-	-
Pennsylvania-----	-	2	-	-	-	-	1	9	27	-	-	2
EAST NORTH CENTRAL-----	-	11	7	6	-	1	1	35	25	-	7	13
Ohio-----	-	3	3	-	-	1	-	19	9	-	-	6
Indiana-----	-	1	-	1	-	-	-	5	6	-	3	5
Illinois-----	-	2	1	4	-	-	1	5	2	-	-	1
Michigan-----	-	5	3	1	-	-	-	5	4	-	1	-
Wisconsin-----	-	-	-	-	-	-	-	1	4	-	3	1
WEST NORTH CENTRAL-----	-	6	2	2	1	-	2	13	33	-	10	25
Minnesota-----	-	2	1	-	1	-	-	-	2	-	5	10
Iowa-----	-	1	-	² 2	-	-	-	-	5	-	1	9
Missouri-----	-	-	1	-	-	-	-	8	15	-	1	4
North Dakota-----	-	-	-	-	-	-	-	1	1	-	1	2
South Dakota-----	-	-	-	-	-	-	2	1	4	-	-	-
Nebraska-----	-	1	-	-	-	-	-	-	1	-	2	-
Kansas-----	-	2	-	-	-	-	-	3	5	-	-	-
SOUTH ATLANTIC-----	-	11	5	10	-	1	5	53	67	-	7	7
Delaware-----	-	-	-	-	-	-	-	-	-	-	-	-
Maryland-----	-	1	1	3	-	-	-	-	4	-	-	-
District of Columbia-----	-	1	-	1	-	-	1	2	4	-	-	-
Virginia-----	-	2	1	1	-	1	2	14	8	-	3	3
West Virginia-----	-	1	1	-	-	-	-	2	9	-	2	2
North Carolina-----	-	2	1	-	-	-	-	5	11	-	-	-
South Carolina-----	-	-	-	3	-	-	-	4	6	-	-	2
Georgia-----	-	-	-	-	-	-	2	9	14	-	1	-
Florida-----	-	4	1	³ 2	-	-	-	17	11	-	1	-
EAST SOUTH CENTRAL-----	-	6	6	14	-	2	1	26	44	-	8	12
Kentucky-----	-	4	4	-	-	-	1	5	11	-	5	5
Tennessee-----	-	-	2	1	-	1	-	10	11	-	-	3
Alabama-----	-	2	-	-	-	1	-	5	9	-	3	4
Mississippi-----	-	-	-	13	-	-	-	6	13	-	-	-
WEST SOUTH CENTRAL-----	-	3	6	9	-	9	2	53	94	3	16	9
Arkansas-----	-	1	2	-	-	4	1	11	4	-	7	1
Louisiana-----	-	1	-	-	-	-	1	7	50	1	-	-
Oklahoma-----	-	-	2	1	-	1	-	8	6	-	-	1
Texas-----	-	1	2	8	-	4	-	27	34	2	9	7
MOUNTAIN-----	-	1	1	3	-	-	2	15	18	-	1	1
Montana-----	-	-	-	-	-	-	-	1	2	-	-	-
Idaho-----	-	-	1	-	-	-	-	3	5	-	-	-
Wyoming-----	-	-	-	-	-	-	-	1	-	-	-	-
Colorado-----	-	1	-	3	-	-	-	1	-	-	1	1
New Mexico-----	-	-	-	-	-	-	2	5	9	-	-	-
Arizona-----	-	-	-	-	-	-	-	4	2	-	-	-
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC-----	-	5	1	17	-	1	2	38	35	-	6	6
Alaska-----	-	-	-	-	-	-	-	1	-	-	-	-
Washington-----	-	1	-	4	-	-	-	1	-	-	-	-
Oregon-----	-	-	-	2	-	-	-	2	7	-	-	-
California-----	-	4	1	² 11	-	1	2	34	28	-	6	6
Hawaii-----	-	1	-	-	-	-	-	-	-	-	-	-
Puerto Rico-----	-	-	-	-	-	-	-	4	12	-	-	-

²Aseptic meningitis.

³Includes 1 case of aseptic meningitis.



The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week and an adjusted average, 1954-58, for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1954-58, 3 central figures are selected by eliminating the highest and lowest figures reported for that week. A 5-week moving average of the arithmetic means of the 3 central figures is then computed. The adjusted average shown in the chart is this moving average increased by 2.3 percent to allow for estimated population growth in the cities.

The use of the adjusted average is based on the assumption that the crude death rate and changes in population will remain at the level of recent years. No allowance has been made for increased use of city hospital facilities.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in a specified city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week an estimate is made for use in plotting the figure in the chart.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN 114 SELECTED CITIES BY GEOGRAPHIC DIVISIONS

(By place of occurrence, and week of filing certificate. Excludes fetal deaths. Data exclude figures shown in parentheses in table 4)

AREA	24th week ended June 20, 1959	23d week ended June 13, 1959	Adjusted average, 24th week 1954-58	Percent change, adjusted average to current week ¹	CUMULATIVE NUMBER FIRST 24 WEEKS		
					1959	1958	Percent change
TOTAL, REPORTING CITIES-----	² 10,565	10,855	10,412	+1.5	² 277,680	280,802	-1.1
New England----- (14 cities)	617	672	669	-7.8	17,617	17,720	-0.6
Middle Atlantic----- (20 cities)	² 3,072	3,149	3,024	+1.6	² 81,450	81,483	-0.0
East North Central----- (19 cities)	² 2,321	2,358	2,285	+1.6	² 58,990	59,774	-1.3
West North Central----- (9 cities)	² 742	796	746	-0.5	² 19,326	19,908	-2.9
South Atlantic----- (11 cities)	932	882	853	+9.3	23,641	24,733	-4.4
East South Central----- (8 cities)	442	480	462	-4.3	12,448	13,307	-6.5
West South Central----- (13 cities)	922	873	843	+9.4	22,928	23,616	-2.9
Mountain----- (8 cities)	299	339	251	+19.1	7,854	7,276	+7.9
Pacific----- (12 cities)	² 1,218	1,306	1,243	-2.0	² 33,426	32,985	+1.3

¹Adjusted average used as base.

²Includes estimates for missing cities.

Morbidity and Mortality Weekly Report

7

Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence, and week of filing certificate. Excludes fetal deaths)

AREA	24th week ended June 20, 1959	23d week ended June 13, 1959	CUMULATIVE NUMBER FIRST 24 WEEKS		AREA	24th week ended June 20, 1959	23d week ended June 13, 1959	CUMULATIVE NUMBER FIRST 24 WEEKS	
			1959	1958				1959	1958
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	190	226	6,001	6,106	St. Louis, Mo.-----	214	240	5,933	6,235
Bridgeport, Conn.-----	47	43	1,022	984	St. Paul, Minn.-----	65	69	1,624	1,855
Cambridge, Mass.-----	22	25	686	721	Wichita, Kans.-----	59	73	1,187	1,112
Fall River, Mass.-----	24	25	711	690	SOUTH ATLANTIC:				
Hartford, Conn.-----	46	50	1,211	1,272	Atlanta, Ga.-----	118	119	2,749	2,787
Lowell, Mass.-----	24	23	570	659	Baltimore, Md.-----	255	210	5,942	6,279
Lynn, Mass.-----	19	26	583	526	Charlotte, N. C.-----	26	43	896	886
New Bedford, Mass.-----	19	27	579	598	Jacksonville, Fla.-----	37	64	1,411	1,522
New Haven, Conn.-----	39	46	1,103	1,166	Miami, Fla.-----	67	73	1,760	1,881
Providence, R. I.-----	64	49	1,647	1,593	Norfolk, Va.-----	39	32	987	907
Somerville, Mass.-----	13	8	338	346	Richmond, Va.-----	79	67	1,887	1,904
Springfield, Mass.-----	44	48	1,121	1,040	Savannah, Ga.-----	28	33	777	836
Waterbury, Conn.-----	20	23	672	674	St. Petersburg, Fla.-----	(55)	(55)	(1,646)	(1,745)
Worcester, Mass.-----	46	53	1,373	1,345	Tampa, Fla.-----	50	53	1,563	1,784
MIDDLE ATLANTIC:					Washington, D. C.-----	199	165	4,741	5,008
Albany, N. Y.-----	64	47	1,400	1,257	Wilmington, Del.-----	34	23	928	939
Allentown, Pa.-----	42	35	895	816	EAST SOUTH CENTRAL:				
Buffalo, N. Y.-----	144	139	3,606	3,855	Birmingham, Ala.-----	72	73	2,002	2,262
Camden, N. J.-----	45	58	1,030	1,093	Chattanooga, Tenn.-----	38	43	1,117	1,239
Elizabeth, N. J.-----	22	26	725	744	Knoxville, Tenn.-----	34	21	677	696
Erie, Pa.-----	36	41	927	864	Louisville, Ky.-----	106	103	2,743	2,809
Jersey City, N. J.-----	78	57	1,887	1,801	Memphis, Tenn.-----	87	112	2,728	2,914
Newark, N. J.-----	89	89	2,509	2,446	Mobile, Ala.-----	36	32	973	1,015
New York City, N. Y.-----	1,570	1,587	41,726	41,211	Montgomery, Ala.-----	25	33	788	872
Paterson, N. J.-----	43	31	968	1,066	Nashville, Tenn.-----	44	63	1,420	1,500
Philadelphia, Pa.-----	405	472	12,367	12,747	WEST SOUTH CENTRAL:				
Pittsburgh, Pa.-----	211	217	4,712	4,909	Austin, Tex.-----	51	18	759	811
Reading, Pa.-----	19	23	558	523	Baton Rouge, La.-----	36	7	665	708
Rochester, N. Y.-----	87	94	2,412	2,523	Corpus Christi, Tex.-----	15	23	495	526
Schenectady, N. Y.-----	23	34	604	564	Dallas, Tex.-----	132	105	2,867	2,896
Scranton, Pa.-----	29	35	984	877	El Paso, Tex.-----	45	37	887	917
Syracuse, N. Y.-----	64	61	1,565	1,528	Fort Worth, Tex.-----	67	63	1,546	1,511
Trenton, N. J.-----	44	39	1,090	1,227	Houston, Tex.-----	127	149	3,774	3,919
Utica, N. Y.-----	22	34	705	666	Little Rock, Ark.-----	47	62	1,354	1,346
Yonkers, N. Y.-----	35	30	780	766	New Orleans, La.-----	145	161	4,066	4,439
EAST NORTH CENTRAL:					Oklahoma City, Okla.-----	63	60	1,643	1,696
Akron, Ohio-----	56	59	1,455	1,426	San Antonio, Tex.-----	101	72	2,382	2,398
Canton, Ohio-----	37	31	824	766	Shreveport, La.-----	54	46	1,235	1,216
Chicago, Ill.-----	725	768	18,701	19,117	Tulsa, Okla.-----	39	70	1,255	1,233
Cincinnati, Ohio-----	147	151	3,903	4,121	MOUNTAIN:				
Cleveland, Ohio-----	204	192	5,124	5,301	Albuquerque, N. Mex.-----	21	38	765	694
Columbus, Ohio-----	120	118	2,782	2,813	Colorado Springs, Colo.-----	8	9	375	351
Dayton, Ohio-----	166	57	21,652	1,838	Denver, Colo.-----	108	137	2,893	2,815
Detroit, Mich.-----	309	338	8,133	7,945	Ogden, Utah-----	15	12	385	356
Evansville, Ind.-----	38	47	938	998	Phoenix, Ariz.-----	48	45	1,278	1,120
Flint, Mich.-----	42	37	998	948	Pueblo, Colo.-----	14	21	330	307
Fort Wayne, Ind.-----	36	29	874	890	Salt Lake City, Utah-----	64	49	1,226	1,140
Gary, Ind.-----	32	38	758	821	Tucson, Ariz.-----	21	28	602	493
Grand Rapids, Mich.-----	33	33	1,046	1,029	PACIFIC:				
Indianapolis, Ind.-----	112	140	3,487	3,099	Berkeley, Calif.-----	11	18	433	499
Madison, Wis.-----	(33)	(39)	(720)	(795)	Fresno, Calif.-----	(46)	(35)	(1,007)	(900)
Milwaukee, Wis.-----	147	117	3,184	3,377	Glendale, Calif.-----	(29)	(20)	(879)	(831)
Peoria, Ill.-----	30	29	730	819	Long Beach, Calif.-----	152	41	21,369	1,354
Rockford, Ill.-----	(27)	(24)	(704)	(653)	Los Angeles, Calif.-----	446	450	11,979	12,146
South Bend, Ind.-----	32	26	646	673	Oakland, Calif.-----	68	91	2,273	2,302
Toledo, Ohio-----	100	98	2,428	2,477	Pasadena, Calif.-----	35	25	760	853
Youngstown, Ohio-----	55	50	1,327	1,316	Portland, Oreg.-----	95	105	2,798	2,476
WEST NORTH CENTRAL:					Sacramento, Calif.-----	50	65	1,323	1,262
Des Moines, Iowa-----	64	40	1,317	1,379	San Diego, Calif.-----	74	87	2,007	2,068
Duluth, Minn.-----	12	31	642	618	San Francisco, Calif.-----	172	207	4,881	4,723
Kansas City, Kans.-----	131	32	2,797	676	San Jose, Calif.-----	(27)	(26)	(625)	(548)
Kansas City, Mo.-----	141	95	2,962	3,126	Seattle, Wash.-----	129	115	3,334	3,271
Lincoln, Nebr.-----	(30)	(27)	(639)	(620)	Spokane, Wash.-----	44	48	1,218	1,104
Minneapolis, Minn.-----	97	151	3,068	3,151	Tacoma, Wash.-----	42	54	1,051	927
Omaha, Nebr.-----	59	65	1,796	1,756	Honolulu, Hawaii-----	(43)	(30)	(906)	(906)

¹Estimated.

²Includes estimate for current week.

GPO 943260

If you do not desire to continue receiving
this publication, please ☐
check here and return.

FIRST CLASS MAIL

U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
Public Health Service
Washington 25, D. C.
Official Business

EXPLANATION OF SYMBOLS USED IN TABLES

Data not available-----	---
Quantity zero-----	-
Percent more than 0 but less than 0.05-----	0.0
Disease stated not notifiable-----	*
Figures within parentheses not included in totals--	()

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Hawaii and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cumulative totals are routinely revised to include corrected and revised figures and delayed reports. In table 1, data for Alaska are included for 1959 but not for prior years. In table 2, total figures for the United States and the Pacific Division include figures for Alaska for 1959 only. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting these diseases. When diseases of rare occurrence (cholera, dengue, plague, louse-borne relapsing fever, small-pox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted below table 1.

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF H. E. W.